



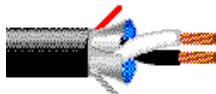
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## FULL TECHNICAL SPECS

**1032A Paired - Power Limited Tray Cable 300 Volts**

Total # Cond.		# Pairs			
2		1			
AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield
18	(7x26)	BC - Bare Copper	PVC - Polyvinyl Chloride	.01600	Aluminum Foil-Polyester Tape
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Cond. DCR (Ohms/M')	Nom. Cap. (pF/ft)
PVC - Polyvinyl Chloride	.0370	.1590	.2330	5.860	51.000
<div> <div>For technical data, click the button below</div> <div><a href="#">Tech Data</a></div> <div>or call 1-888-Belden8</div> </div> <div> <div>For available colors, click the button below</div> <div><a href="#">Put-ups &amp; Colors</a></div> <div>or call 1-888-Belden8</div> </div>					
Description					
<p>Paired, 1 pair (2 conductors), 18 AWG, stranded (7x26) BC - Bare Copper conductors, PVC - Polyvinyl Chloride insulation, overall Aluminum Foil-Polyester Tape (Beldfoil) shield with 18 AWG stranded (7x26) tinned copper drain wire, 100% shield coverage, sunlight resistant PVC - Polyvinyl Chloride jacket with nylon ripcord. Applicable Specification: UL Type PLTC, ITC or CMG or C(UL) CMG, FT4, IEEE 1202. Flame Resistance: Vertical Tray Flame Test. Industrial Automation &amp; Process Control Cables. Power Limited Tray Cable. Other insulation and jacket options are available. These cables are suitable for installation in wet or dry locations. Cable jackets are sunlight resistant, impervious to moisture and vapor penetration, and non-propagating. Alternate conductor color coding is available as a special order. Multiple pair cables have each pair numbered for ease of identification. Overall shield - recommended for use in instrumentation and control applications where signals are transmitted in excess of 100 millivolts except in areas where high voltage and current sources create excessive noise interference. BELDFOIL is a Belden registered trademark.</p>					

Disclaimer: Great effort is made to ensure the accuracy of the information presented, but errors or omissions may occur. This listing of information is presented as a courtesy and does not ensure that a product with these specifications is available. Specification and availability should be confirmed with a call to our sales representative or to Customer Service. Have a question? Call us at 1-800-BELDEN-1 or send us a [comment](#)

07/03/02

TECHNICAL DATA

Customer Number • 000001

Customer Name •

To display Technical Data, enter a Product Code and press Go.

Product Code 1032A

Example: 9269

Go

Product Search

02-22-00 REV. 4

1032A

I. DESCRIPTION

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POWER LIMITED TRAY CABLE - TWO CONDUCTOR  
18 AWG (7X26) BARE COPPER, PVC INSULATION, OVERALL  
BELDFOIL SHIELD WITH 18 (7X26) TINNED COPPER DRAIN  
WIRE, PVC JACKET WITH NYLON RIPCORD.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 300 V RMS  
NOM. CONDUCTOR DC RESISTANCE  
@ 20 DEG. C : 5.86 OHMS/1000 FT.  
NOM. SHIELD DC RESISTANCE  
@ 20 DEG. C : 5.07 OHMS/1000 FT.  
NOM. CAPACITANCE BETWEEN  
CONDUCTORS OF PAIR @ 1 KHZ: 51 PF/FT.  
NOM. CAPACITANCE CONDUCTOR  
TO SHIELD @ 1 KHZ: 95 PF/FT.  
NOM. INDUCTANCE: .19 MICRO-H/FT.

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -30 TO +105 DEG.C  
JACKET MATERIAL (COLOR): PVC (BLACK) SUN RES  
TYPE SHIELD AND % COVERAGE: ALUM/POLYESTER-100%  
OVERALL LAY LENGTH: 2" (6 TWISTS/FT)  
MAX. PULLING TENSION: 67.2 LBS  
MIN. BEND RADIUS: 2.3"  
NOM. WEIGHT/1000 FT.: 32.5 LBS.  
CABLE DIAMETER: .233" AVG.  
APPLICABLE SPECIFICATION: UL TYPE PLTC, ITC OR CMG  
OR C(UL) CMG, FT4,  
IEEE 1202  
COLOR CODE: BLACK & WHITE  
FLAME RESISTANCE: VERTICAL TRAY FLAME TEST